

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A method of storing data comprising:  
placing a plurality of carriers of different colors at a single location on a data storage medium to represent ~~and representing~~ data by the presence and absence of said colors:  
exciting said colors within said carriers by making them fluoresce;  
measuring said ~~fluoresce~~ fluorescence of said carriers to identify presence and absence of said colors.
2. (Original) The method of claim 1 wherein said medium is a disk.
3. (Original) The method of claim 1 wherein said carriers are nanometer size fluorescent particles.
4. (Original) The method of claim 3 wherein said particles comprise quantum dots.
5. (Original) The method of claim 4 wherein said quantum dots are made up of red, blue, and green color.
6. (Original) The method of claim 4 wherein said quantum dots are made up of a plurality of shades of a color.
7. (Original) The method of claim 1 wherein said placing of said carriers is performed using inkjet based technology.

8. (Original) The method of claim 1 wherein said placing of said carriers is performed using laser-induced technology.

9. (Canceled) The method of claim 1 wherein said placing of said carriers is performed using holey fibers.

10. (Currently Amended) The method of claim 1 wherein ~~an~~ a holographic multi-spectral filter HSMF is used for dispersing collimated fluorescent light on a spectrally sensitive component.